



Southern Regional Office (SRO)  
400 W. Congress, Suite 433, Tucson, AZ 85701

**Draft Minutes of the  
Park-Euclid Water Quality Assurance Revolving Fund (WQARF) Site  
Community Advisory Board (CAB) Meeting – 28th meeting**

March 15, 2006, 6:30 - 8:30 p.m.  
State of Arizona Regional Office Complex  
400 W. Congress, North Building, Conference Room 158  
Tucson, Arizona

E-5340.25.6.1.2

CAB Members Present: Don Davis, Keith Bagwell, Freya Eddy, Mark Marikos, Jacky Turchick, Jonathan Salvatierra, Steven Turner, Mario Villarreal, Richard Byrd, Josefina Zapata

CAB Members Absent: Nadine Gruhn, Ira Haskell

ADEQ Staff Present: Matt Doolen, Project Manager; Eileen Palese, ADEQ Community Involvement Coordinator

Members of the Public Present: Joe Drazek, Janet Workman, Robert Boudra, Ian Jones, Larry Gardiner, Don Moore, Francis Dominguez, Mukowae Charma, Susan Alvarez

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The meeting began at 6:40 p.m.

**1. Call to Order/Introductions**

Co-Chair Freya Eddy conducted introductions of the CAB and public participants.

**2. CAB Discussion of Mario Villarreal's Request to Remain on CAB**

CAB discussed Mario Villarreal's request to remain on the CAB even though he is now living in Texas. The CAB decided to not accept his earlier resignation and he will remain on the CAB.

**3. Approval of Minutes for 10/6/05 CAB Meeting**

Mark Marikos motioned to approve the minutes of the October 6, 2005 CAB meeting. Mario Villarreal seconded the motion. All were in favor; none opposed.

**4. Site Investigation Update – Matt Doolen, ADEQ Project Manager**

Matt Doolen presented the site update. He said ADEQ is now performing two sampling rounds per year at the site. He presented the latest sampling results from November 2005. He said the wells will again be sampled in May 2006. He showed a comparison of the sampling results with those done two

years ago. He said the patterns have not changed significantly in the perched aquifer. Concentrations of TCE show a decrease, but in the shallow aquifer, he is seeing concentrations of “daughter products” increase, however, the plume boundaries of this contamination are quite small. He said because of the proximity of the Park-Euclid WQARF site to the University of Arizona (UA), he is also getting interesting information from grad students who are doing field work in the area of the site. He said the UA wells have been sampled monthly for seven years. A similar pattern exists with PCE detected in the central UAM-2 well; however the concentrations are starting to decrease. He said ADEQ will continue to monitor the active UA production wells, but he has not seen any PCE or TCE show up in those wells.

#### **5. Introduction of WQARF Remedial Objectives (RO) Process and Proposed Objectives**

Matt Doolen reviewed the Remedial Objectives (RO) process as part of the overall Remedial Investigation (RI) of the WQARF site. He said the RI, completed last year, will contain the RO Report. He showed a graph of the steps of the process which was previously presented to the CAB. He said it took time to gather input on future water and property uses from the City of Tucson and the UA. He handed out a draft explanation of the proposed remedial objectives. Don Davis also handed out the letter the CAB wrote regarding the ROs. Matt Doolen said he expected the RO Report to be released sooner, but some internal procedures caused the delay. He said it should be released within the next few weeks and there will be a 45 to 60 day public comment period. When final, the RO Report will be combined with the RI Report, a culmination of years of work. The next step is the Feasibility Study which is estimated to take one year to complete.

He outlined the WQARF Remedial Selection Rules which is how the ROs are determined. He said one RO is for soil and the other is for groundwater. He said that the report focuses on the regional aquifer. One reason for this is because four years ago the program experienced a budget crunch, therefore, a determination was made to concentrate on the regional aquifer because it could potentially pose the greatest risk to public health—the public relies on this aquifer for drinking water. To write an RO for the shallow aquifer, ADEQ would need to define the extent of the diesel contamination. This may take place in the next several years. More wells would need to be installed to investigate the shallow aquifer.

Don Davis said that in a September 29, 2004 letter from the CAB to ADEQ, the CAB was concerned about the contamination from the shallow aquifer getting into the regional aquifer. Matt Doolen said that previously was a concern, but now the data is showing the contamination is moving away from the shallow aquifer and should not pose a problem.

He explained the feedback from the City of Tucson and the UA regarding the ROs. He said the city does not plan to operate any wells in the area because of the diesel contamination and because of the WQARF site, and they don't plan on installing any additional wells in the area in the next 5-10 years. However, UA is using their wells for drinking water, so the greatest need is to protect the use of groundwater by the university. For this reason, the RO was written just for the regional aquifer. He said what will drive the cleanup will be the use of the UA wells. The CAB asked additional questions about water resources and water rights in the area of the site. Matt Doolen said that ADEQ will continue to sample the site wells on a semi-annual basis throughout the process, as well as the UA

wells. Jacky Turchick asked for a timeline on the next phase of investigating the shallow aquifer. Matt Doolen said they do have drilling permits to go beyond the Aviation Parkway, but the budget for next year is unknown. He said he hopes to be able to continue with sufficient funding. He said this study would determine the extent of the diesel contamination.

**6. Presentation: Mission Linen Air Quality Permit – Janet Workman, Project Engineer, URS**  
Janet Workman, URS, consultant for Mission Linen, presented information about their plans to install a multiphase extraction system at the plant. She said they had previously presented on plans for this system last fall where she outlined the proposed emission limits for a request to Pima County for an air quality draft permit. She said the CAB expressed concern that the percent removal stipulation in the permit would allow higher emissions from the multiphase extraction system than were allowed from the soil vapor extraction system. As a result, Pima County requested that Mission Linen conduct some air modeling to demonstrate that the concentrations around the area would not pose a health risk.

She presented the results of the air monitoring to the CAB and the plans to rewrite the permit. She provided an overview of how the multiphase extraction system will operate and discussed safety concerns. She explained how the vapor goes into the system before it is discharged into the atmosphere and the differences between this new system and the soil vapor extraction system. She said they looked at weather data, wind direction, wind speed, stack height, stack temperature, stack velocity and displayed a map showing receptor points (a model which calculates what the concentrations would be at each point). The points are concentrated close to the plant and spaced further apart as they reach the property line.

The CAB asked questions about the modeling results. Janet Workman said that they created proposed emission limits and used that information as the basis. They presented the model to Pima County officials, who were at the CAB meeting to answer questions. The county agrees with the Mission Linen results. Don Davis asked if the regulation would be defined at the stack concentration. Janet Workman said that is what Mission is proposing to the county--to use the stack concentration to set an emission limit in the permit. This would keep the emission below the worst case scenarios. She said Pima County is now reviewing these calculations to determine if this will be acceptable.

The CAB asked additional questions about the emissions and any possible effects on the neighborhood. Janet Workman explained further about the safety factors and said that they are only looking at 3 to 6 years of operation. She said they do not plan to conduct any ambient air modeling around the plant because there are too many automobiles in the area. Don Davis asked if there will be a way to check that the system is working as designed. He said he is concerned about not sampling the ambient air. Janet Workman said at other sites she has seen low levels of TCE and chlorinated compounds which are present in the ambient air. Don Davis asked if the stack will be sampled. Janet Workman said that they talked with the county about the frequency of sampling. They will do more in the beginning, and then less when concentrations drop, as expected. The final sampling plan has not yet been developed.

Jacky Turchick asked if the system can be turned off after the initial startup and the emissions tested before the system resumes operation. Janet Workman said they do plan to do that. She said there will be some starting and stopping in the beginning to find the best operational levels.

**7. CAB Discussion of Mission Linen Air Quality Permit**

The CAB discussed the procedure for issuing the permit. Frances Dominguez, Pima County, said there will be a public comment period when the draft permit is ready to release. The CAB will be informed through ADEQ. Don Davis said the co-chairs can decide if they need to call a CAB meeting to discuss the permit during the comment period.

**8. Call to the Public**

Matt Doolen was asked about the process for the investigation of the diesel contamination. He said it will be similar to the WQARF remedial investigation process and will probably be more focused and take less time, with milestones to reach. There will be public comment periods.

**9. Other Administrative Business**

Eileen Palese announced that Sue Keith has been named the director of ADEQ's Southern Regional Office. Mike Fulton, formerly the SRO Superfund Supervisor, is now the Deputy Director of Waste Programs Division in Phoenix.

The CAB did not have any outreach events to report.

Jacky Turchick asked what the latest information is about the Arroyo Chico Flood Control project. Richard Byrd, City of Tucson, said that the U.S. Army Corps had to postpone construction while they revamped their budget due to the Katrina disaster, but they still plan to complete the project. Keith Bagwell said that he believes the project will not start until sometime in 2007.

Mark Marikos said that the UA has hired a hydrologist to replace the Huachuca well. This person will closely coordinate with ADEQ and he said he will keep the CAB informed.

**10. Next Meeting Date/Agenda Discussion**

The next meeting of the Park-Euclid Community Advisory Board was not scheduled until a later date. It will now be held on Wednesday, June 21, 2006, from 6:30 p.m. to 8:30 p.m. It will be held at the State of Arizona Office Complex, 400 West Congress, North Building, Room 158, Tucson, Arizona. Call Eileen Palese, ADEQ Community Involvement Coordinator, at (520) 628-6712 for more information.

**11. Adjournment**

The meeting was adjourned at 7:50 p.m.

*This meeting was recorded on cassette tapes as a record of the proceedings. To listen to the tape(s) or for additional documents mentioned in these minutes, contact ADEQ's Southern Regional Office, Community Involvement Office, 520/628-6712.*